

ABSTRACT

METHOD FOR TRAFFIC ENGINEERING AND INGRESS ROUTER ADAPTED  
TO PERFORM SUCH A METHOD

- 5 A method for engineering traffic between an ingress router and an egress router of a packet network , whereby said traffic is scheduled within said ingress router in queues pertaining to different service classes, and whereby part of the traffic follows a dedicated tunnel between said ingress and said egress router, includes the step of
- 10 provisioning of a tunnel queue dedicated to said part of the traffic intended to flow via said dedicated tunnel, for separately and temporarily storing said part of the traffic towards said dedicated tunnel, and a further step of shaping said part of the traffic towards said dedicated tunnel before entering in said traffic tunnel. Further
- 15 embodiments comprise the provisioning of a set of queues, pertaining to the different service classes, to one or more of these dedicated traffic tunnels, as well as the provisioning of associated shapers.